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Shiva Singh

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Detail-oriented Software Engineer with 3+ years of experience building scalable, maintainable front-end architectures for fintech and data-driven applications. Proficient in React.js, Next.js, and Flutter, with deep expertise in Redux Toolkit, Redux-Saga, and component-driven design. Skilled in responsive UI/UX, RESTful API optimization, SEO, and secure real-time data via encrypted WebSockets. Experienced in Agile workflows, Cypress-based testing, and modern CI/CD pipelines. Seeking a technically challenging role to deliver impactful, high-quality solutions.

Work Experience

Sr. Software Engineer   **Univest.in** (Gurugram, Delhi NCR)   **Aug 2022–Present**

- Developed and maintained responsive, high-performance web and mobile-compatible applications using **React.js**, **Next.js**, and **TypeScript**, ensuring seamless cross-platform user experiences.

- Joined as an intern and secured **two performance-based increments** and a **Pre-Placement Offer (PPO)** within the internship period due to fast development cycles and consistently reliable code quality.

- Independently handled both the **web application** and the **corresponding mobile app screens** built with React, ensuring synchronized feature delivery and UI consistency across platforms.

- Promoted to **Senior Software Engineer** after one year of full-time employment; led a team of two engineers, overseeing the complete **Univest website** and **Univest Broker platform**, including architectural design, development, and deployment.

- Built and maintained complex modules such as a **comprehensive stock information page** featuring over 10 interactive, real-time graphs and visualizations for retail investors.

- Architected secure **WebSocket integrations** for live stock data updates with **end-to-end encryption**, enhancing application responsiveness and data security.

- Implemented **SEO optimization**, **API efficiency improvements**, and **performance tuning** across all major product surfaces, resulting in faster load times and improved user engagement.

- Played a key role in **collaborating with product managers, UI/UX designers, QA, and backend teams** to ensure timely and high-quality feature releases within an Agile/Scrum environment.

- Consistently recognized for exceptional contributions: awarded **6× Employee of the Month** and **3× Employee of the Quarter**, reflecting strong ownership, problem-solving skills, and 24/7 availability during critical deliveries.

Full Stack Developer Intern   **HexaHash Tech. Pvt. Ltd.** (Remote)   **Mar'2022 – Aug'2022**

- Designed and developed a **Customer Feedback Management System**, allowing users to register, authenticate, and manage feedback devices; implemented data capture and visualization through interactive **bar and pie charts** using **React.js**, **Node.js**, and **MySQL**.

- Built responsive and accessible **UI components** with React.js, HTML5, and CSS3, aligned with **modern design** principles to enhance user engagement and satisfaction.

- Integrated **RESTful APIs** to ensure seamless communication between the front-end and back-end, enabling real-time **data syncing** and accurate response tracking.

- Performed **end-to-end testing** using **Cypress** (updated from Jest/RTL to align with your current stack), ensuring functional stability and preventing regressions across the application lifecycle.
- Actively contributed to **Agile ceremonies** including sprint planning, daily stand-ups, and retrospectives, while collaborating cross-functionally with designers, backend engineers, and QA teams.
- Delivered clean, modular, and maintainable code while adhering to industry best practices and version control using **Git**.

Front-End Developer Intern   **Skillark Pvt. Ltd. & 8.7M-1.** (Remote)   **Aug'2021 – Mar'2022**

- Developed modular and **reusable UI components** using React.js, **improving front-end scalability** and maintainability across **multiple projects**.
- Integrated **Redux for state management** and implemented asynchronous actions, enhancing application responsiveness and data flow reliability.
- Engineered a **CMS-based dynamic website** for a non-profit (8.7M-1) with RESTful API design, enabling real-time content management and structured data visualization.
- Ensured **cross-device** compatibility through responsive design practices and deployed production-ready builds across multiple environments with **continuous maintenance support**.

Education and Certifications

- **B.Tech, Computer Science & Engineering** — Dr. A. P. J. Abdul Kalam Technical University, Lucknow
- **10th & 12th (PCM)** — Sun Valley Public School, Varanasi (CBSE Board)

Technologies and Languages

- **Languages:**   JavaScript, TypeScript, Dart, HTML5, CSS3, C, C++, Python
- **Technologies & Frameworks:**   React.js, Next.js, Flutter, Node.js, Redux Toolkit, Redux-Saga, RESTful APIs, WebSocket (Encrypted), Cypress, Tailwind CSS, Bootstrap, Express.js
- **Databases:**   MySQL, MongoDB, Postgresql
- **Tools & Platforms:**   Git, GitHub, Bitbucket, Jira, Trello, Slack, npm, Yarn, Webpack, Babel
- **Cloud & Analytics:**   Mixpanel, CleverTap, Google Analytics, PostHog, CI/CD pipelines
- **Other:**   Responsive UI/UX Design, Component-Based Architecture, State Management, Agile/Scrum, Cross-Platform Optimization, SEO Optimization, Data Visualization, Debugging, Testing Automation, Problem Solving, Real-Time Data Systems

Projects

- **Jira Clone** – jira.cvasingh.com
  Built a fully functional **Jira-like task management system** with drag-and-drop kanban boards, issue tracking, and role-based workflows. Demonstrates strong skills in **React.js**, **Redux Toolkit**, and component architecture. Designed to mimic real-world project tracking tools with dynamic updates and a clean UI.
- **Todo (Figma Clone for Whiteboarding)** – white-board.cvasingh.com
  A visual task and whiteboard tool inspired by Figma's design principles. Supports **real-time collaboration**, drag-and-drop sticky notes, and intuitive drawing tools. Showcases understanding of **canvas rendering**, **state sync**, and interaction-heavy UI elements.

- **LMS (Learning Management System)** – lms.cvasingh.com
  Designed and developed a modular LMS platform to manage courses, quizzes, and student progress tracking. Features include **admin dashboards**, **role management**, and **secure content delivery**. Built using **React**, **Node.js**, and **MongoDB**, reflecting real-world edtech architecture.
- **Dcluttr** – app.dcluttr.ai
  Developed a marketing performance dashboard aggregating reports across platforms such as Meta, Google, and LinkedIn. Integrated complex analytics APIs with caching strategies and dynamic filters. Highlights strength in **data visualization**, **API orchestration**, and **real-time reporting** interfaces.

Achievements & Other

- Awarded **6× Employee of the Month** and **3× Employee of the Quarter** at Univest for consistent high performance, code quality, and availability during critical deployments.
- Earned a **Gold Badge in Python** and a **Silver Badge in MySQL** on HackerRank, demonstrating strong foundational knowledge and problem-solving skills.
- Successfully delivered **multiple end-to-end production applications**, recognized for clean architecture, maintainability, and business impact.
- Served as **Web Development Mentor** at **Google Developer Student Clubs (GDSC), BBDNITM** *(Jun 2022 – May 2022)*, mentoring peers on modern development workflows, code quality standards, and scalable frontend architecture.